

## ABSTRACT

The present invention has an object to provide a tumor necrosis factor mutant protein, particularly, a tumor necrosis factor mutant protein specific to TNF-R1 or TNF-R2; tumor necrosis factor inhibitor; or tumor necrosis factor preparation containing it as an effective ingredient, and the object is solved by providing a tumor necrosis factor mutant protein where one or more amino acid residues selected from the group 5 consisting of 29th, 31st, 32nd, 145th, 146th and 147th, or the group consisting of 84th to 89th from the N-terminal of the amino acid sequence of SEQ ID NO:1 is/are replaced with other amino acid residue(s); a tumor necrosis factor inhibitor; and a tumor necrosis factor preparation containing it as an effective 10 15 ingredient.